

Sheet 1 of 2

FORM PTO 1449 (modified)

JUL 3 1996

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY DOCKET NO.
19516/159

SERIAL NO. FWO of
08/675 217

APPLICANT
Ryan FEEMSTER et al.

FILING DATE
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DATE SUBMITTED TO PTO: July 3, 1996

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
RBH	5,187,796	2/93	Wang	395	800	
RBH	4,873,476	10/89	Kurakake	318	568.22	
RBH	5,319,753	6/94	MacKenna, et al.	395	275	
RBH	4,760,521	7/88	Rehwal, et al.	364	200	
RBH	4,970,447	11/90	Kamiguchi, et al.	318	567	
RBH	5,146,596	9/92	Whittaker, et al.	395	725	
RBH	5,136,714	8/92	Braudeway, et al.	395	725	
RBH	5,271,020	12/93	Marisetty	371	30	
RBH	5,127,089	6/92	Gay, et al.	395	325	
RBH	5,142,689	8/92	Eisenack	395	800	
RBH	5,038,276	8/91	Bozzetti, et al.	364	200	
RBH	5,202,966	4/93	Woodson	395	325	
RBH	5,193,197	3/93	Thacker	395	725	

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
EU O 156 921	10/85	Europe			
UK 2 256 290	12/92	United Kingdom			

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

✓ 1	M. Al-Mouhamed, "Multiprocessor System for Realtime Robotics", v. 14, no. 5 pp 276-290, June 5, 1990, London, GB
✓ 2	M. Kircanski, "Multiprocessor Control System for Industrial Robots", Robotics and Computer Integrated Manufacturing, 1991, vol. 8 no. 2.
✓ 3	M. Kametani et al, "Design Concept for a Robot Controller", Manufacturing Technology International, 1991, pp 255-256, 258, 260.

EXAMINER **Robert H. ...** DATE CONSIDERED **8/26/96**

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
ADH	4,879,642	11/89	Malka, et al.	364	131	
ADH	5,072,373	12/91	Dann	395	200	
ADH	4,965,707	10/90	Cutts, Jr. et al.	364	200	
ADH	5,161,209	11/92	Nagai, et al.	388	907.5	

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OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

ADH	✓ 4	J.I. Robla et al. Hierarchical Architecture for Control System with Robots", Eusipco 9/88 Vol. 2
ADH	5	" Multiple Digital Signal Processor Circuit Cards for Tool Control", IBM Technical Bulletin, v. 32, no. 5A Oct. 1989, pp. 452-454.
ADH	✓ 6	S. Hasegawa et al. "Fast Access Control of the Head Positioning Using a Digital Signal Processor", SPIE Storage and retrieval Systems and Applications, V. 1248, Japan 1990.

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